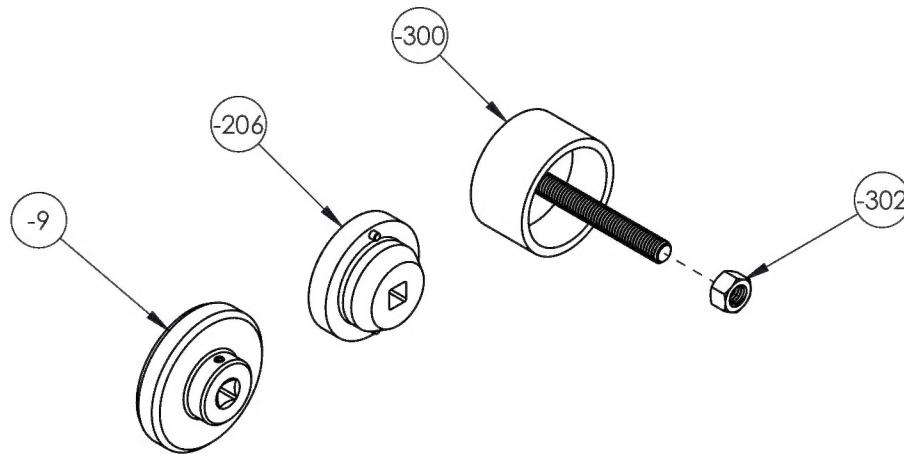


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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
1		MERGED ASSY. DWG & REMOVED OBSOLETE DWG.	8/9/2006			
1A		CH'D TITLEBLOCK & REVISION BLOCK, ADDED FINISH SPEC P/N -1, -301A, -302A, & -304A.	8/13/2009	RJC		
2		DELETED Ø.219 THRU HOLE FOR RETAINER BALL & ADDED R.120 (x4) x .600 BALL RETAINERS FOR P/N -201 PER G.E., LABELED SECTION VIEWS A-A & B-B.	9/21/2009	RJC		
2A		CH'D P/N'S FROM 200, 301A, 302A, 304A TO MATCH MANUFACTURING SYSTEM P/N'S PER J.D.	10/26/2009	RJC	RW	
3		ADDED -9 & -206 WRENCH ASSEMBLIES TO MATCH OEM DRAWINGS & CH'D ENGRAVE NOTES PER E.B. CH'D -201 DOWEL PIN HOLE FROM PRESS FIT FOR .188 DOWEL PIN TO Ø.1874-.1869.	5/25/2012	RJC	EB	
4	15-0297	UPDATED TO NEW DRAFTING STANDARDS. -1 CH'D DIM WAS .500 SQUARE +.010 -.005 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°. -2 ADDED B/O #91375A537. -9 ADDED DWG. -201 CH'D DIMS WAS .256 IS 4X .303-.315, WAS .500 SQUARE +.015 -.000 IS 2X .503-.508. ADDED DIMS 2X .670 MIN Ø.70, 120°. -202 ADDED B/O #98381A507. -206 ADDED DWG. -300 DELETED DIMS 4.250. CH'D DIM WAS .10 IS (.100). ADDED DIM 4.35. -301 WAS B/O IS MODIFIED. ADDED DWG. CH'D B/O WAS #98750A107 IS #98750A108. -302 ADDED B/O #94895A823.	9/16/2015	DPD	JAG	



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		1		-1		WRENCH	41L40/4140		3
		1	B/O	-2		SECKET HEAD SET SCREW	STEEL	1/4-20 X 1/2 (MCMASTER-CARR #91375A537)	2
		X		-9	1	WRENCH ASSY.			2
1				-201		WRENCH	1018/1020		5
2				-202		DOWEL PIN		Ø3/16 X 5/8 (MCMASTER-CARR #98381A507) MODIFIED	6
X				-206	1	WRENCH ASSY.			4
X				-300	1	WELDMENT			7
1				-301		ALL-THREAD	STEEL	1/2-13 X 4 (MCMASTER-CARR #98750A108) MODIFIED	8
			B/O	-302	1	HEX NUT	STEEL	1/2-13 (MCMASTER-CARR #94895A823)	1
1				-304		CUP	1018/1020		9
ASSY -300	ASSY -206	ASSY -9							

**DART AEROSPACE**

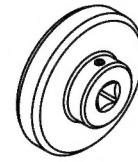
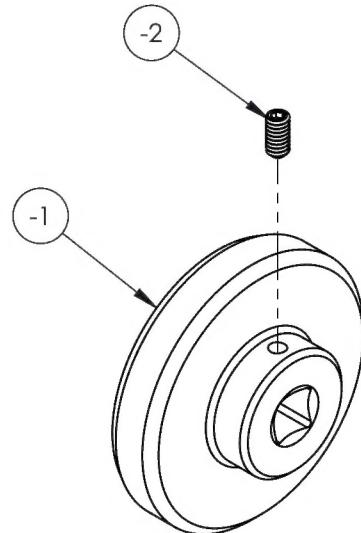
**TITLE** WRENCH - FUEL CELL ASSY

**DWG NO.** RBA8100-80902 **REV** 4

<b>MAT'L</b>	<b>DRAWN BY:</b> COLE
<b>APPROVED</b> D Weil	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
HEAT TREAT	
FINISH	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	
MD	
<b>SCALE</b>	1:4
<b>DATE</b>	7/30/2004
<b>SHEET 1 OF 9</b>	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		ADDED -9 WRENCH ASSEMBLIES.	5/25/2012	RJC	EB
4	15-0297	-9 ADDED DWG.	9/16/2015	DPD	JAG

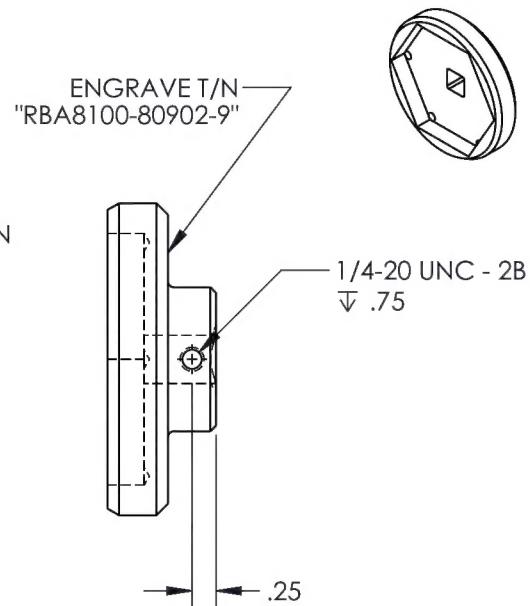
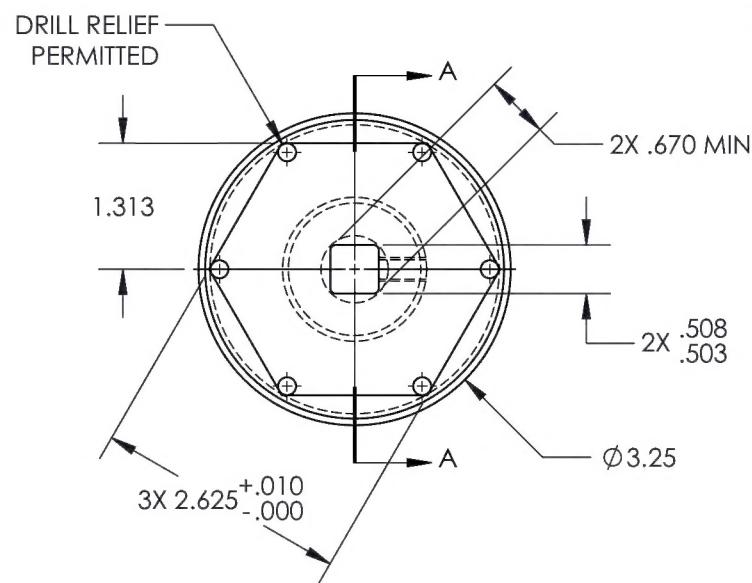
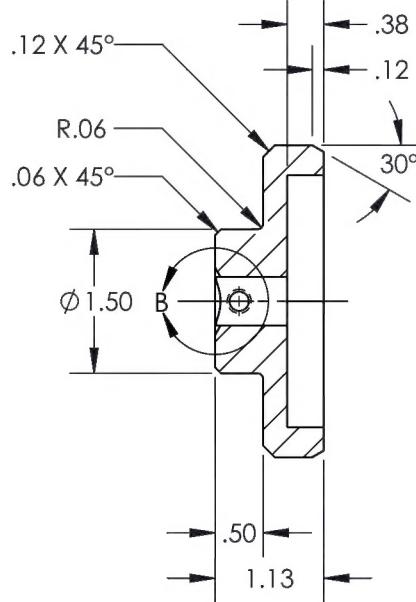


(-9)  
WRENCH ASSY.

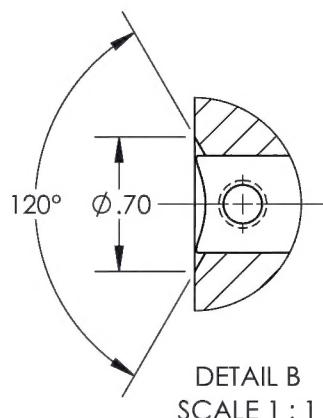
DART AEROSPACE	
TITLE	
WRENCH - FUEL CELL ASSY	
DWG NO.	RBA8100-80902-9
REV	4
MAT'L	DRAWN BY: COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
MD	
SCALE	1:2
DATE	7/30/2004
SHEET 2 OF 9	

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REVISIONS		
REV	ECR	DESCRIPTION
1A		ADDED FINISH SPEC P/N -1.
3		CH'D -1 ENGRAVE NOTE PER E.B.
4	15-0297	-1 CH'D DIM WAS .500 SQUARE +.010 -.005 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°.
		8/13/2009 RJC
		5/25/2012 RJC EB
		9/16/2015 DPD JAG



SECTION A-A



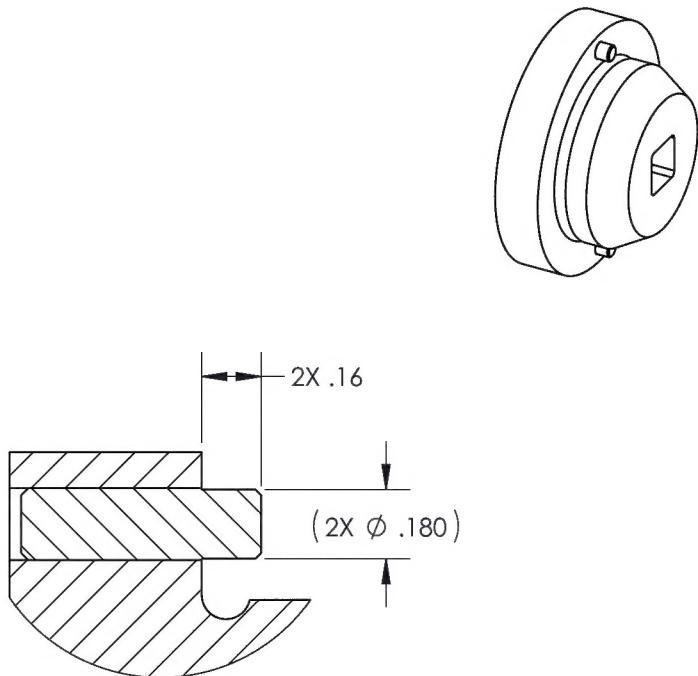
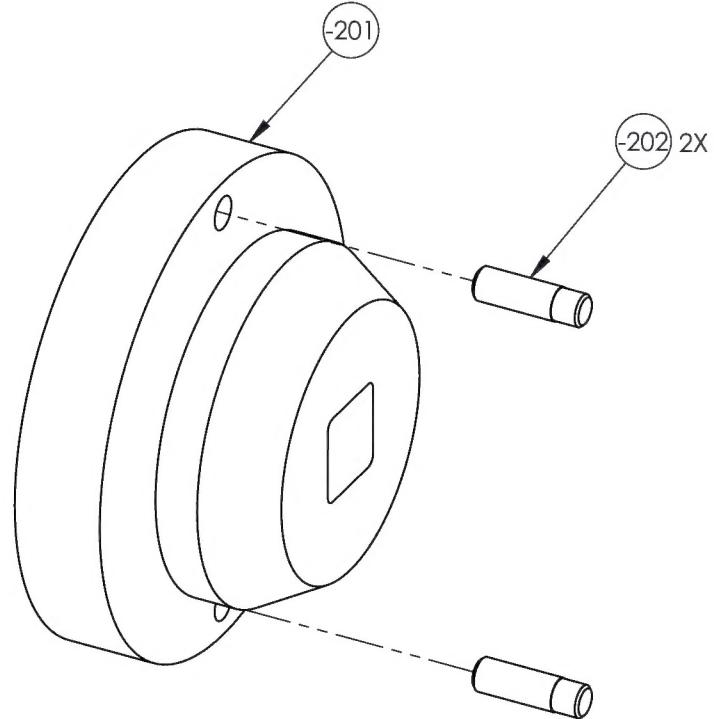
DETAIL B  
SCALE 1 : 1

(-1)  
WRENCH

DART AEROSPACE	
TITLE	
DWG NO.	RBA8100-80902-1
MAT'L	41L40/4140
DRAWN BY:	COLE
APPROVED	D. Weil
HEAT TREAT	RC 35-40
FINISH	BLACK OXIDE
SPEC	
USED ON MODEL	
MD	
SCALE	1:2
DATE	7/30/2004
SHEET 3 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-206 ADDED DWG.	9/16/2015	DPD	JAG

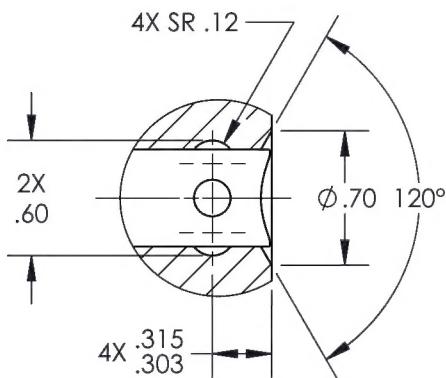
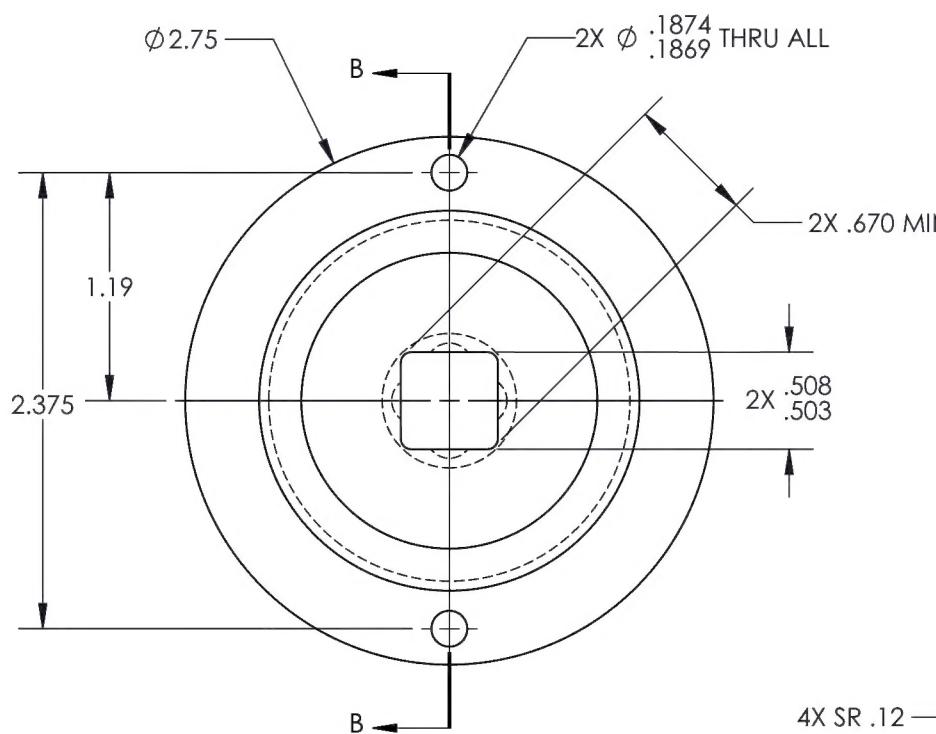


WRENCH ASSY.

<b>DART</b> AEROSPACE	
TITLE <b>WRENCH - FUEL CELL ASSY</b>	
DWG NO.	RBA8100-80902-206
REV	4
MAT'L	DRAWN BY: COLE
	APPROVED <i>D Weil</i>
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
	.XXX ± .005 FRACTIONS ± 1/8
	.XX ± .01 ANGLES ± 5°
	.X ± .1
	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
	USED ON MODEL
	MD
SCALE	1:1
DATE	7/30/2004
SHEET 4 OF 9	

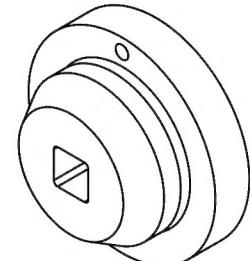
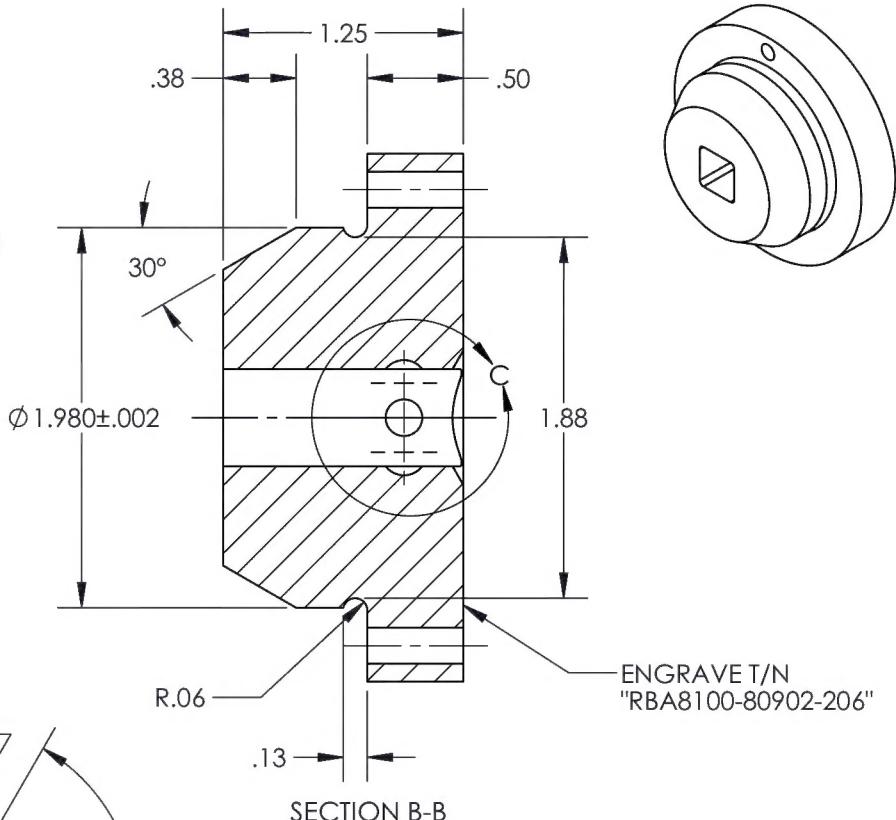
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REVISONS		
REV	ECR	DESCRIPTION
2		DELETED Ø.219 THRU HOLE FOR RETAINER BALL & ADDED R.120 (x4) x .600 BALL RETAINERS FOR P/N -201 PER G.E., LABELED SECTION VIEW B-B.
3		CH'D -201 ENGRAVE NOTE PER E.B. CH'D -201 DOWEL PIN HOLE FROM PRESS FIT FOR .188 DOWEL PIN TO Ø.1874-.1869.
4	15-0297	-201 CH'D DIMS WAS .256 IS 4X .303-.315, WAS .500 SQUARE +.015 -.000 IS 2X .503-.508. ADDED DIMS 2X .670 MIN, Ø.70, 120°.
		DATE INITIAL APPROVED
		9/21/2009 RJC
		5/25/2012 RJC EB
		9/16/2015 DPD JAG



(-201)

WRENCH

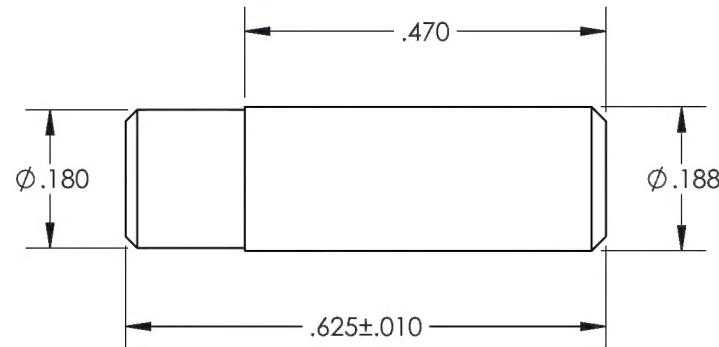
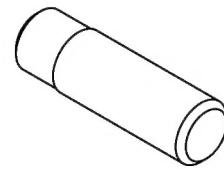


DART AEROSPACE	
TITLE	
WRENCH - FUEL CELL ASSY	
DWG NO.	RBA8100-80902-201
MAT'L	1018/1020
DRAWN BY:	COLE
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL	MD
SCALE	1:1
DATE	7/30/2004
SHEET 5 OF 9	

4

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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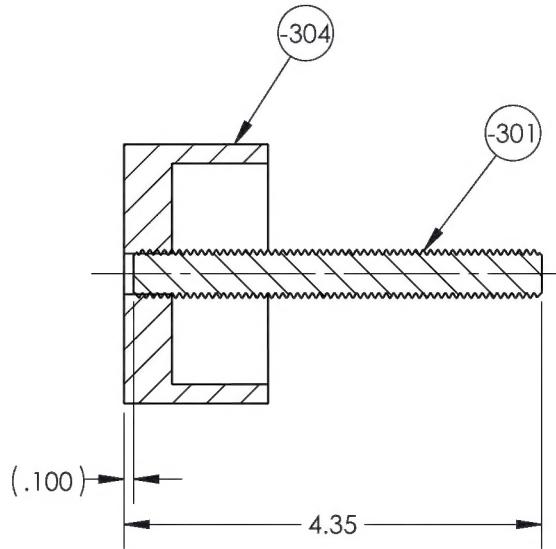
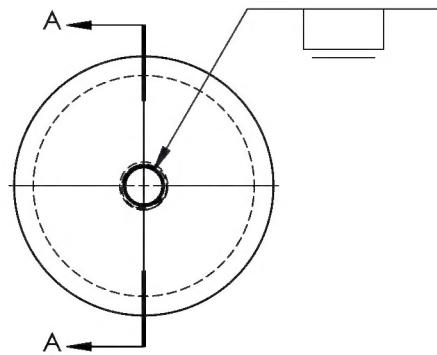
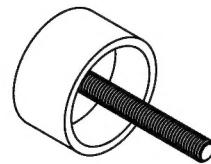
-202

DOWEL PIN

	
TITLE	WRENCH - FUEL CELL ASSY
DWG NO.	RBA8100-80902-202
REV	4
MAT'L	DRAWN BY: COLE
	APPROVED <i>D Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
	USED ON MODEL
	MD
SCALE	4:1
DATE	7/30/2004
SHEET 6 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-300 DELETED DIMS 4.250. CH'D DIM WAS .10 IS (.100). ADDED DIM 4.35.	9/16/2015	DPD	JAG



SECTION A-A

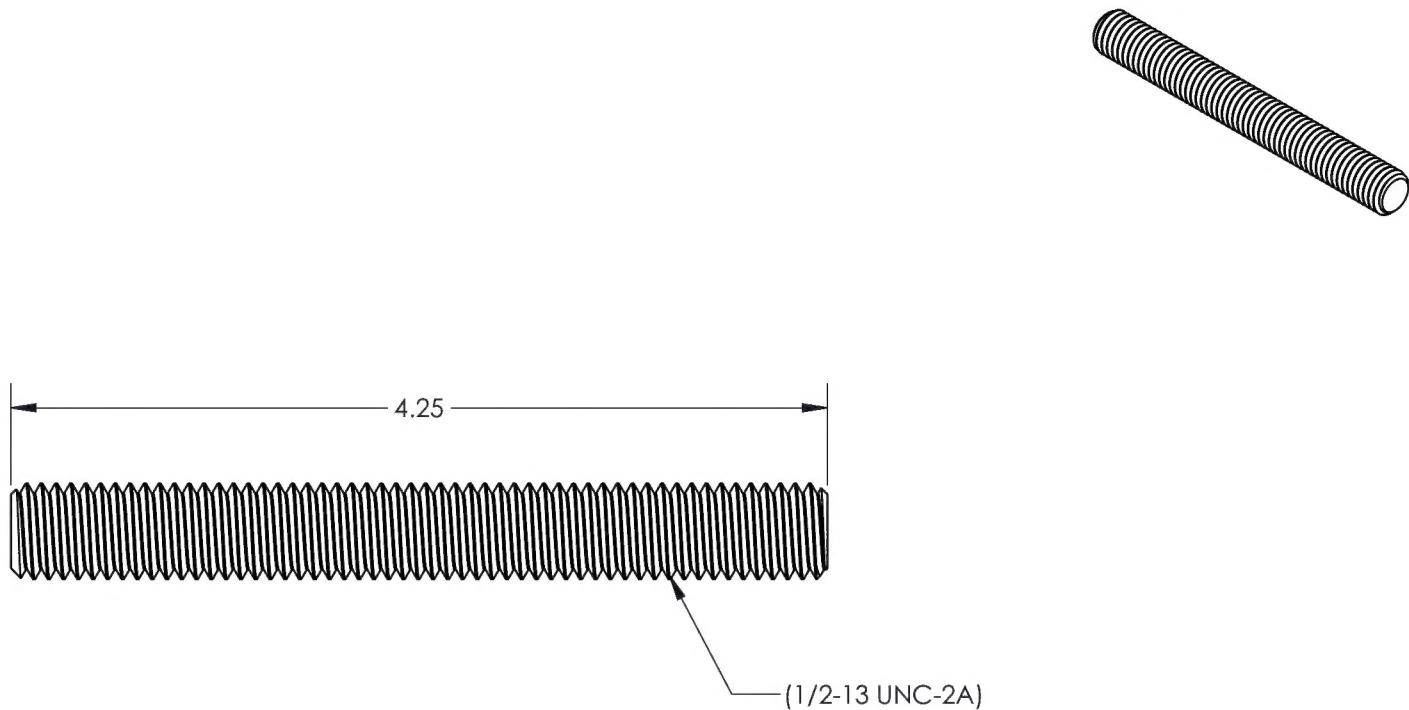
-300

WELDMENT

<b>DART</b> AEROSPACE	
TITLE <b>WRENCH - FUEL CELL ASSY</b>	
DWG NO.	RBA8100-80902-300
REV	4
MAT'L	DRAWN BY: COLE
	APPROVED <i>D Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH BLACK OXIDE
	SPEC
	USED ON MODEL
	MD
SCALE 1:2	DATE 7/30/2004
	SHEET 7 OF 9

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	15-0297	-301 WAS B/O IS MODIFIED. ADDED DWG. CH'D B/O WAS #98750A107 IS #98750A108.	9/16/2015	DPD	JAG



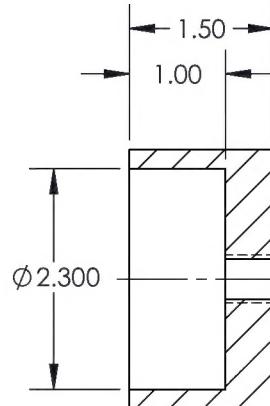
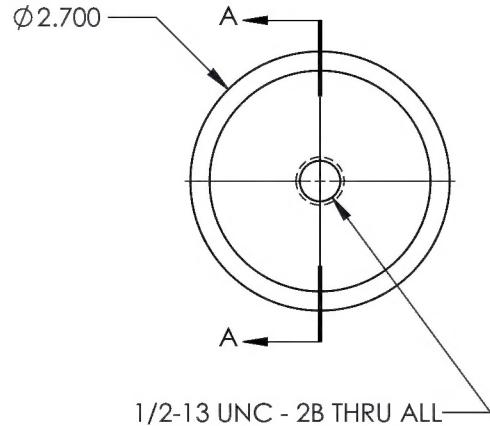
-301

ALL-THREAD

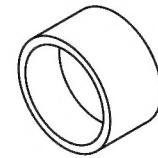
<b>DART</b> AEROSPACE	
TITLE	WRENCH - FUEL CELL ASSY
DWG NO.	RBA8100-80902-301
MAT'L	STEEL
DRAWN BY:	COLE
APPROVED:	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
MD	
SCALE	1:1
DATE	7/30/2004
SHEET 8 OF 9	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		ADDED -304 ENGRAVE NOTE PER E.B.	5/25/2012	RJC	EB



SECTION A-A



NOTE:  
THIS PART REPLACES THE ORIGINAL -304  
& ELIMINATES -303 DOWEL PINS.

<b>DART</b> AEROSPACE	
<b>TITLE</b>	
<b>WRENCH - FUEL CELL ASSY</b>	
<b>DWG NO.</b>	<b>RBA8100-80902-304</b>
<b>MAT'L</b>	<b>1018/1020</b>
<b>DRAWN BY:</b>	<b>COLE</b>
<b>APPROVED</b>	<b>D Weil</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DIMENSIONS ARE IN INCHES</b>
<b>.XXX ± .005</b>	<b>FRACTIONS ± 1/8</b>
<b>.XX ± .01</b>	<b>ANGLES ± 5°</b>
<b>.X ± .1</b>	<b>SEE -300 WELDMENT</b>
<b>1. BREAK ALL SHARP EDGES .015 x 45°</b>	<b>SPEC</b>
<b>OR .015R</b>	<b>USED ON MODEL</b>
<b>2. DIMENSIONAL LIMITS APPLY AFTER</b>	<b>MD</b>
<b>PLATING</b>	
<b>SCALE</b>	<b>1:2</b>
<b>DATE</b>	<b>7/30/2004</b>
<b> SHEET 9 OF 9</b>	

-304

CUP